

PATENT
Docket No: ST02001USU (159-US-U1)
Serial No.: 10/523,669

REMARKS

STATUS SUMMARY

Claims 1-26 are pending in the present application, and responsive to a restriction and/or election requirement, claims 7-13, 18-24, and 26 have been withdrawn. The Examiner has rejected claims 1-6, 14-17, and 25 under 35 U.S.C. § 102(e). In response, Applicants are traversing the rejections of claims 1-6, 14-17, and 25 under 35 U.S.C. § 102(e) without amendment.

CLAIM REJECTIONS - 35 U.S.C. § 102(e)

Claims 1-6, 14-17, and 25 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,542,823 to *Garin et al.* ("*Garin*"). Applicants respectfully traverse these rejections because the cited reference fails to teach or suggest each and every feature or element recited in the rejected claims.

Independent claim 1 discloses:

A method for processing, within a mobile device, protocol aiding data received at a call processor with a Global Positioning System ("GPS") interface, where the protocol aiding data is produced according to a Geolocation Server Station protocol, the method comprising:

receiving, at the GPS interface, the protocol aiding data received at the call processor;
converting the received protocol aiding data to interface data that is transparent to the Geolocation Server Station protocol; and
passing the interface data to a GPS module.

In general, the method of claim 1 discloses a method of operation of a mobile device that includes a call processor, a GPS module, and a protocol independent interface that allows the

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GPS module to receive aiding data from a Geolocation Server Station without requiring the GPS module to utilize the same protocol utilized by the Geolocation Server Station. See, for example, specification page 16, paragraph [00047], lines 1-7, and pages 16-17, paragraph [00048], lines 1-7.

In the pending Office action, the Examiner states as follows:

Regarding claims 1 and 25, *Garin et al.* teaches a method for processing, within a mobile device, protocol aiding data received at a call processor with a Global Positioning System ("GPS") interface, where the protocol aiding data is produced according to a Geolocation Server Station protocol (6542823, column 5, lines 4-21, the handset 104 comprises a call processor CP 200 for performing call processing to receive data from a geo-location server (108)), the method comprising: receiving, at the GPS interface, the protocol aiding data received at the call processor ('823, figure 2, GPS section 202 receives the data from the geo-location server via the base station 106); converting the received protocol aiding data to interface data that is transparent to the Geolocation Server Station protocol; and passing the interface data to a GPS module ('823, figure 2, the serial communication lines 204 is used to convert the received data from geo-location and passes it to the CP section 200).

In general, *Garin* is related to multi-mode Global Positioning Systems (GPS) for use in wireless networks that operate in multiple modes, such as a standalone mode, an autonomous mode, a "network aided" mode, and a "network based" mode. Col. 3: line 50, through col. 4: line 10. Specifically, the Examiner states that *Garin* teaches a method for processing, within a mobile device, protocol aiding data received at a call processor with a Global Positioning System ("GPS") interface, where the protocol aiding data received at the call processor is converted to "interface data that is transparent to the Geolocation Server Station protocol," citing col. 5: lines 4-21 and FIG. 2 of *Garin*.

FIG. 2 of *Garin* shows the interface between the call processing section and the GPS section of a mobile device and its detailed description is found at col. 5: lines 22-42. The

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interface is shown in a handset 104 comprising a Call Processing (CP) section 200 and a Global Positioning System (GPS) section 202 connected by a serial communications link 204 and hardware lines 206. FIG. 2 and its detailed description, however, is silent as to protocol aiding data, *i.e.*, aiding data that are cellular network (*i.e.*, cellular platforms such as TDMA, GSM, CDMA, etc.) and vendor specific (*see, for example, specification, page 8, paragraph [00020], lines 4-7*), and does not teach or disclose anything related to converting the received protocol aiding data to interface data that is transparent to the Geolocation Server Station protocol of the Geolocation Server Station transmitting the protocol aiding data. Nor do the remaining portions of the specification of *Garin* provide such teaching or disclosure as *Garin* primarily discloses a system, device, and method allowing for multiple modes of operation of a GPS systems.

Based on the foregoing, Applicants respectfully submit that *Garin* does not teach or disclose each and every feature or element recited in the rejected claims 1 and 25. Specifically, *Garin* does not teach or disclose converting received protocol aiding data to interface data that is transparent to the corresponding Geolocation Server Station protocol.

Based on the foregoing, Applicants respectfully submit that claims 1 and 25 (which is a method claim comprising the step of converting the received protocol aiding data to interface data transparent to the Geolocation Server Station protocol) are not anticipated by *Garin* and therefore claims 1 and 25 are allowable. Independent claim 1 being in condition for allowance, dependent claims 2-6 and 14-17 are also in condition for allowance for at least the same reasons. Therefore, Applicants respectfully request that these rejections be withdrawn.

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CONCLUSION

In light of the above remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and an early notice to such effect is earnestly solicited.

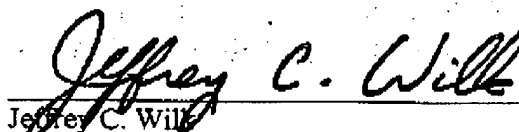
If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Office Action.

Respectfully submitted,

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